

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
XIAO and GEDRICH) Prior Examiner: D. Ramirez
Serial No. To Be Assigned)
Filed: March 23, 2004) Prior Group Art Unit: 1652
)
) Atty. Dkt. No. 02973.00055

For: **REGULATION OF HUMAN TRANSMEMBRANE SERINE PROTEASE**

INFORMATION DISCLOSURE STATEMENT

Mail Stop New Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

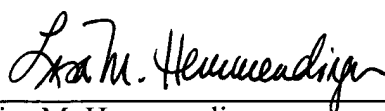
Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, enclosed is a PTO Form-1449 listing documents for consideration by the Examiner during the prosecution of the subject application. All cited art was previously disclosed or cited in parent application Serial No. 09/879,792 filed June 13, 2001. Copies of the cited art are available in the parent application.

We believe no fee is required in connection with this filing. If a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

Date: March 23, 2004

By: 

Lisa M. Hemmendinger
Registration No. 42,653

Banner & Witcoff, Ltd.
1001 G Street, N.W., Eleventh Floor
Washington, D.C. 20001-4597
(202) 824-3000

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 002973.00055	SERIAL NUMBER To Be Assigned
	APPLICANT YONGHONG XIAO ET AL.	
	FILING DATE March 23, 2004	PRIOR GROUP ART UNIT 1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO	
	WO 99/64608	12/1999	PCT				
	WO 99/62942	12/1999	PCT				
	WO 00/00605	1/2000	PCT				
	WO 01/36604	5/2001	PCT				
	WO 01/36645	5/2001	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	HILLIER L. et al., "yi73c10.r1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:144882 3' similar to SP:HEPS_RAT Q05511 SERINE PROTEASE HEPsin; contains MER22 repetitive element; mRNA sequence"; Database EM_EST 'Online! EMBL; June 10, 1995
	TANIMOTO H. et al., "Hepsin, a cell surface serine protease identified in hepatoma cells, is overexpressed in ovarian cancer", Cancer Research 57, July 15, 1997, pp 2884-2887
	HATTORI M. et al., "Homo sapiens genomic DNA, chromosome 11q clone:RP11-728F11, complete sequences", Database EM_HUM 'Online! EMBL; November 27, 1999
	PAOLONI-GIACOBINO A. et al., "Cloning of the TMPRSS2 gene, which encodes a novel serine protease with transmembrane, LDLRA, and SRCR domains and maps to 21q22.3", Genomics, September 15, 1997, pp 309-320, Vol. 44, No. 3
	HOOPER J.D. et al., "Type II transmembrane serine proteases" Journal of Biological Chemistry; January 12, 2001; pp 857-860; Vol. 276, No. 2

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 002973.00055	SERIAL NUMBER To Be Assigned
	APPLICANT YONGHONG XIAO ET AL.	
	FILING DATE March 23, 2004	PRIOR GROUP ART UNIT 1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Kim <i>et al.</i> , "Cloning and expression of novel mosaic serine proteases with and without a transmembrane domain from human lung," <i>Biochim. Biophys. Acta</i> 1518, 204-09, 2001
	GenBank Accession No. AK027798, submitted May 10, 2001
	GenBank Accession No. XM_052099, submitted August 23, 2001
	GenBank Accession No. XM_052100, submitted August 23, 2001
	GenBank Accession No. AB048796, submitted September 12, 2000
	GenBank Accession No. AB048797, submitted September 12, 2000
	Van de Loo et al, Proc. Natl. Acad. Sci. 92:6743-6747, 1995
	Broun et al, Science, 282:1315-1317, 1998
	Bork, Genome Research, 10:348-400, 2000
	Dias Neto et al, GenBank Accession No. AW845106, submitted May 19, 2000

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	